

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

NAKAE *et al.*

Application Number: 09/527,440

Filed March 17, 2000

For: PRIMER DESIGN SYSTEM

Attorney Docket No. HIRA.0003

Art Unit 1631

Examiner Clow, Lori A

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

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MAY 14 2003
TECH CENTER 1600/2900

COVER LETTER

Sir:

[x] The fee for submission of additional claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	12	12	(Over 20)	x \$18	0
Independent Claims	3	3	10 (Over 3)	x \$84	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$280	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x ½	
				TOTAL	0.00

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

- [x] Response to Office Action
(with Claim Amendments)
[] Preliminary Amendment
[] Substitute Specification

- [] Petition for Extension of Time (_ months)
[] Terminal Disclaimer
[] Letter to Draftsperson
[] Assignment

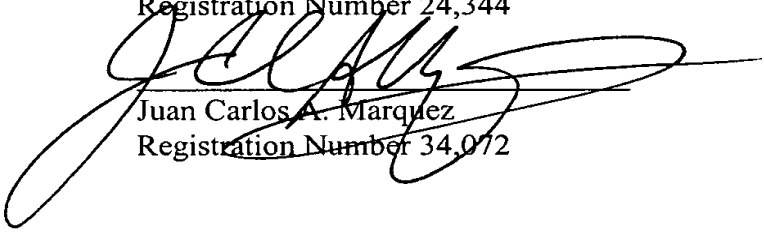
☐ Other _____

☐ Petition under _____

- ☐ Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- ☐ A check in the amount of \$_____ is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

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May 13, 2003

SPF/JCM/JT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



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Examiner Clow, Lori A

#2314
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RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

This is in response to the office action dated February 24, 2003 and the interview conducted on April 25, 2003, in the above identified application, the period for response which will expire on May 24, 2003. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

IN THE SPECIFICATION:

Please replace pages 34-36 of the Disclosure currently on file with the following paragraphs:

running the necessary programs was used for each of the patterns.

H'
Pattern I

Only primer designing was carried out. Pattern I involved running a process for designing a pair of partial sequences from the predetermined template DNA sequence A1, which is